



Product specification

HXB15 Connector



- Advanced expanded beam technology
- Rugged field deployable fibre optic connector
- Hermaphroditic interconnection
- 2 to 6 SM or MM Optical Channels
- Optical / Electric hybrid configurable
- Custom configuration available
- Weatherproof rating IP68
- Ultra resistant to vibration, shock, dust and debris

Description

The HXB15 connectors featuring expanded beam technology, hermaphroditic connection and rugged construction for field deployment and hybrid configurability, are designed for harsh environments such as military, avionics, broadcast and telecoms. Ideal for areas subject to fibre damage or contamination.

Specification

Optical Specifications	
Insertion Loss	Typical 0.8-1.8dB @ 1310, 1550nm – Singlemode Typical 0.5-1.0dB @ 850, 1300 nm – Multimode
Return Loss	>32dB – Singlemode only
Mechanical Specifications	
Durability	3000 mating cycles
Operating Temperature	-40 to 85C
Storage Temperature	-55 to 85C
Water Immersion	Up to 15m
Free fall	500 falls @ 1.2m
Vibration	10-500Hz, 3 axis, 0.75mm, 10g
Shock	11ms, 3 axis, 50g
Other	
Material and finish	Aluminium Alloy, Black hard anodize
RoHS	Compliant

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